

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

**IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF**

which application is:

☐ the attached application  
(for original application)

x Application No. 09/497,504

filed February 4, 2000

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Code §119, §172 or §365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application or which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed	
			Yes	No

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.  
60/118,740

Filing Date  
February 5,  
1999

Status  
Pending

I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexico, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603; George F. Lehnigk, Reg. No. 36,359; John T. Callahan, Reg. No. 32,607 and Steven M. Gruskin, Reg. No. 36,818, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date June 6, 2000 First Inventor Hyun-doo SHIN  
 Residence Sungnam-city Kyunki-do, Republic of Korea Signature [Signature]  
 City Sungnam-city State/Country Korea  
 Post Office Address: 510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong Bundang-gu, Sungnam-city, Kyunki-do, Republic of Korea  
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Date 4 July 2000 Second Inventor Yang-lim CHOI  
First Name Middle Initial Last Name  
Residence • Paldal-gu, Kyungki-do, Republic of Korea Signature Choi Yang-lim  
City State/Country

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Citizenship Republic of Korea

Date \_\_\_\_\_ Third Inventor Peng WU  
First Name Middle Initial Last Name  
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Citizenship Chinese

Date \_\_\_\_\_ Fourth Inventor Bangalore MANJUNATH  
First Name Middle Initial Last Name  
Residence Santa Barbara CA 93106-9560 Signature B Manjunath 06/06/00  
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Citizenship Indian

Date \_\_\_\_\_ Fifth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
City State/Country

Post Office Address: \_\_\_\_\_

Citizenship \_\_\_\_\_

Date \_\_\_\_\_ Sixth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
City State/Country

Post Office Address: \_\_\_\_\_

Citizenship \_\_\_\_\_



UNITED STATES DEPARTMENT OF COMMERCE  
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ASSISTANT SECRETARY AND COMMISSIONER  
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Washington, D.C. 20231

APRIL 17, 2001

PTAS  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLL  
DARRYL MEXIC  
2100 PENNSYLVANIA AVENUE, NW  
SUITE 800  
WASHINGTON, D.C. 20037-3213



\*101607054A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 01/31/2001

REEL/FRAME: 011487/0326  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WU, PENG

DOC DATE: 11/08/2000

ASSIGNOR:

MANJUNATH, BANGALORE S.

DOC DATE: 09/26/2000

ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, A CALIFORNIA  
CORPORATION  
111 FRANKLIN STREET  
12TH FLOOR  
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 09497504  
PATENT NUMBER: 1

FILING DATE: 02/04/2000  
ISSUE DATE:

011487/0326 PAGE 2

SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## PATENT

Attorney Docket No. Q53232

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name: PENG WU  
Address: Department of Electrical and Computer Engineering  
University of California  
Santa Barbara, CA 93108-9560

Nationality: China

Name: BANGALORE S. MANJUNATH  
Address: 1071 N. Patterson Avenue  
Santa Barbara, CA 93111

Nationality: India

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A CALIFORNIA CORPORATION, 111 FRANKLIN STREET, 12<sup>th</sup> Floor, OAKLAND, CA 94607-5200,

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

## IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF

and which is found in

- (a) ☐ U.S. provisional patent application filed herewith and listing the above named person(s) as inventor(s).
- (b) ☐ U.S. patent application filed herewith listing the above named person(s) as inventor(s).
- (c) ☒ U.S. patent application serial no. 09/497,504, filed on February 4, 2000.
- (d) ☐ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

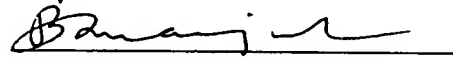
Date: Nov 8, 2000

Inventor:

  
PENG WU

Date: Sep 26, 2000

Inventor:

  
BANGALORE S. MANJUNATH



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Patent and Trademark Office  
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Washington, D.C. 20231

APRIL 17, 2001

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RECORDATION DATE: 01/31/2001

REEL/FRAME: 011487/0338  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHIN, HYUN-DOO

DOC DATE: 12/28/2000

ASSIGNOR:

CHOI, YANG-LIM

DOC DATE: 12/28/2000

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.  
416 MAETAN-DONG, PALDAL-GU  
SUWON-CITY, KYUNGKI-DO  
REPUBLIC  
OF KOREA

SERIAL NUMBER: 09497504  
PATENT NUMBER:

FILING DATE: 02/04/2000  
ISSUE DATE:

011487/0338 PAGE 2

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
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02-07-2001

Q53232

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Patent and Trademark Office

To the Director – U.S. Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hyun-doo SHIN and Yang-lim CHOI

2. Name and address of receiving party(ies)?

SAMSUNG ELECTRONICS CO., LTD.

416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Additional name(s) &amp; address(es) attached?

☐ yes☒ no

Execution Date: December 28, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/497,504 /

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-32136. Total number of applications and registration involved:  
1

7. Total Fee (37 CFR 3.41): \$40.00

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8. Deposit Account No.

19-4880

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Darryl Mexic

Reg. No. 23,063

January 31, 2001

Date

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02/07/2001 DRYRNE 00000027 09497504

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## Assignment

Whereas, I/We, Hyun-doo SHIN and Yang-lim CHOI of

510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong, Bundang-gu, Sungnam-city, Kyungki-do, Republic of Korea, and 102-1112 Wooman Sunkyung, 105 Wooman-dong, Paldal-gu, Kyungki-do, Republic of Korea

respectively, hereinafter called assignor(s), have jointly invented with others certain improvements in **IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF** and executed an application for Letters Patent of the United States of America therefor on August 23, 2000; and

Whereas, **SAMSUNG ELECTRONICS CO., LTD., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea** (assignee), desires to acquire our entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, our entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number **09/497,504**, filed **February 4, 2000**) the filing date and application number of said application when known.

Date:

Shin Hyun Doo  
s/ Hyun-doo SHIN

28 December 2000

Date:

Choi Yehi  
s/Yang-lim CHOI

28 December 2000

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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